



Anti-Adenovirus Monoclonal antibody, Clone C036 (BE62) (DMABT-51066MA)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse Anti Adeno Virus
Target	Adenovirus
Immunogen	Adenovirus type 3 (ATCC strain VR847)
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Adenovirus
Clone	C036 (BE62)
Purification	>90% IgG content
Conjugate	Unconjugated
Applications	IHC, ELISA, FC, IP, WB
Format	Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml
Size	1 mg
Buffer	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Storage	Store at +4 °C or at -20 °C if preferred. This product should be stored undiluted. Storage in frost

free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

Introduction

Adenoviruses are DNA viruses generally widespread in nature that are frequently the cause of acute upper respiratory tract infections (i.e. common colds). Forty-seven known serotypes have been isolated since they were first discovered in 1953 with 3 types known to cause gastroenteritis. Several types have oncogenic potential though most cause self-limiting febrile illnesses characterised by inflammation of conjunctivae and the respiratory tract. The virus can be isolated from the majority of tonsils/adenoids surgically removed, indicating latent infections. It is not known how long the virus can persist in the body, or whether it is capable of reactivation after long periods. In patients experiencing immunosuppression (e.g. AIDS) it can be reactivated causing disease.

Keywords

Adenovirus; Adenoviridae; Adenoviruses; Atadenovirus; Aviadenovirus; Ichtadenovirus; Mastadenovirus; Siadenovirus
